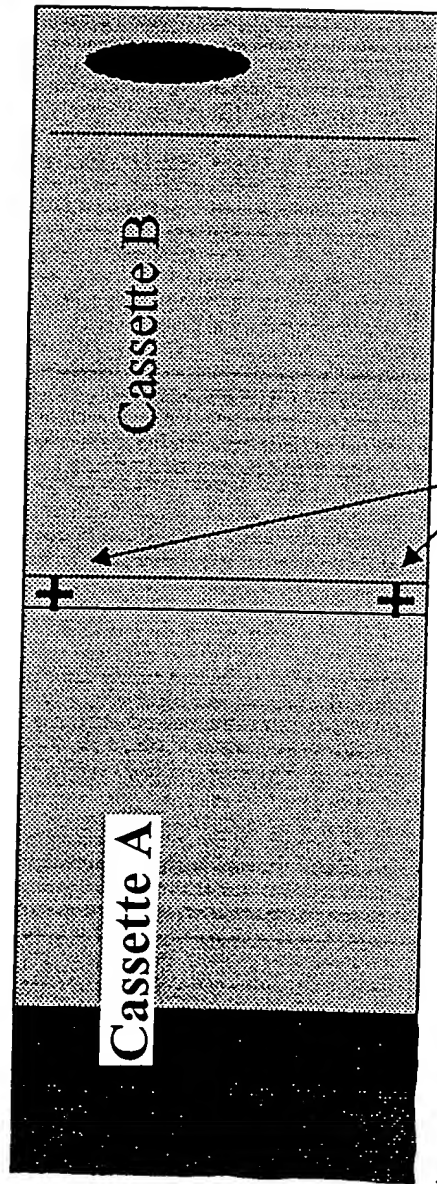


FIG. 1A

Scoliosis IP Cassette

Tube side view



Registration marks on cassette
for quick alignment

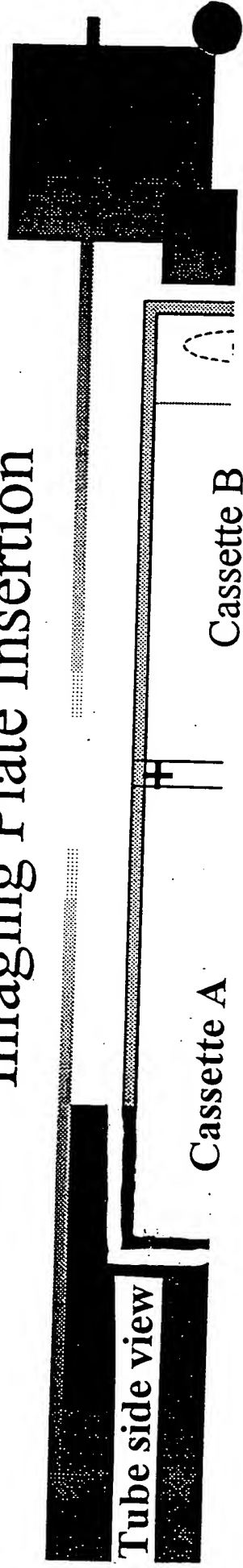
Cassette edge view



*Cassettes are joined at the bottom - back is no longer
hinged and Carbon fiber front may be replaced with
Aluminum for strength of long cassette.*

FIG. 1B

Imaging Plate Insertion



2 Imaging Plates (IP's) are inserted into cassette and overlap slightly

Cassette edge view
(Magnified)

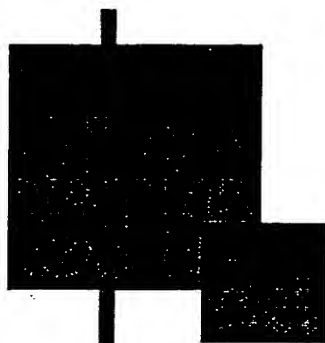
FIG. 2

Because of the overlap, no diagnostic image information is lost
There is no gap between the IP's

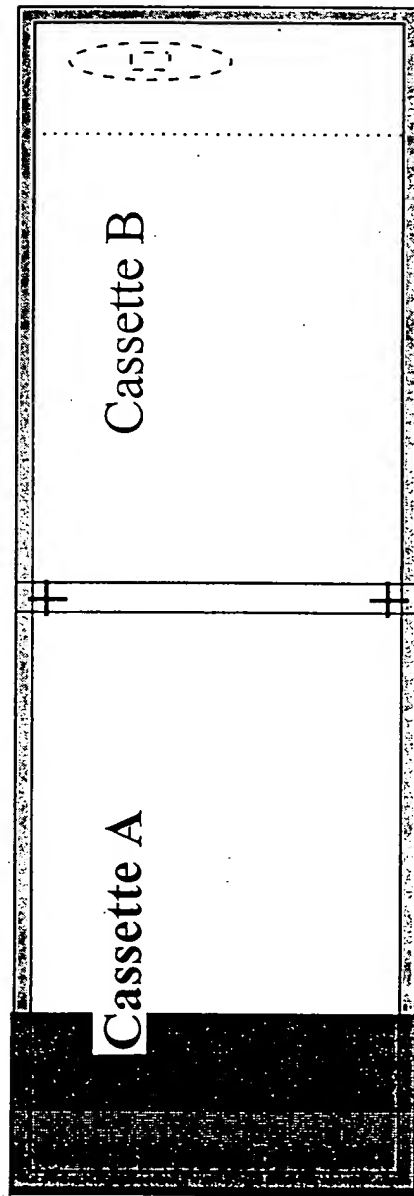
F-1G. 5A

FIG. 3A

Imaging Plate Insertion



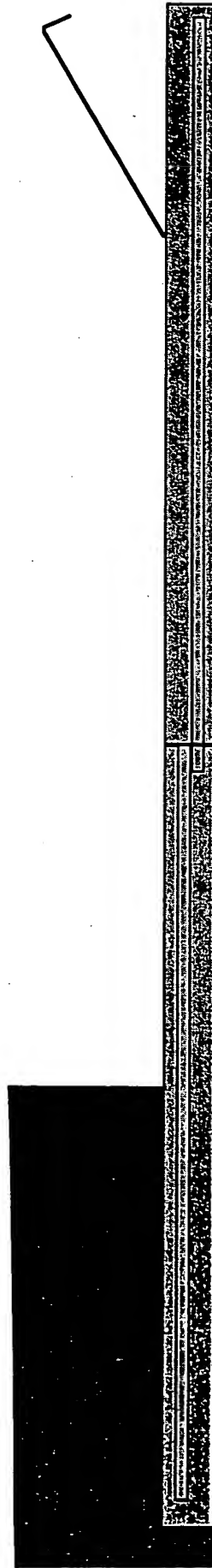
Tube side view



2 Imaging Plates (IP's) are inserted into cassette and overlap slightly

Cassette edge view
(Magnified)

FIG 3B

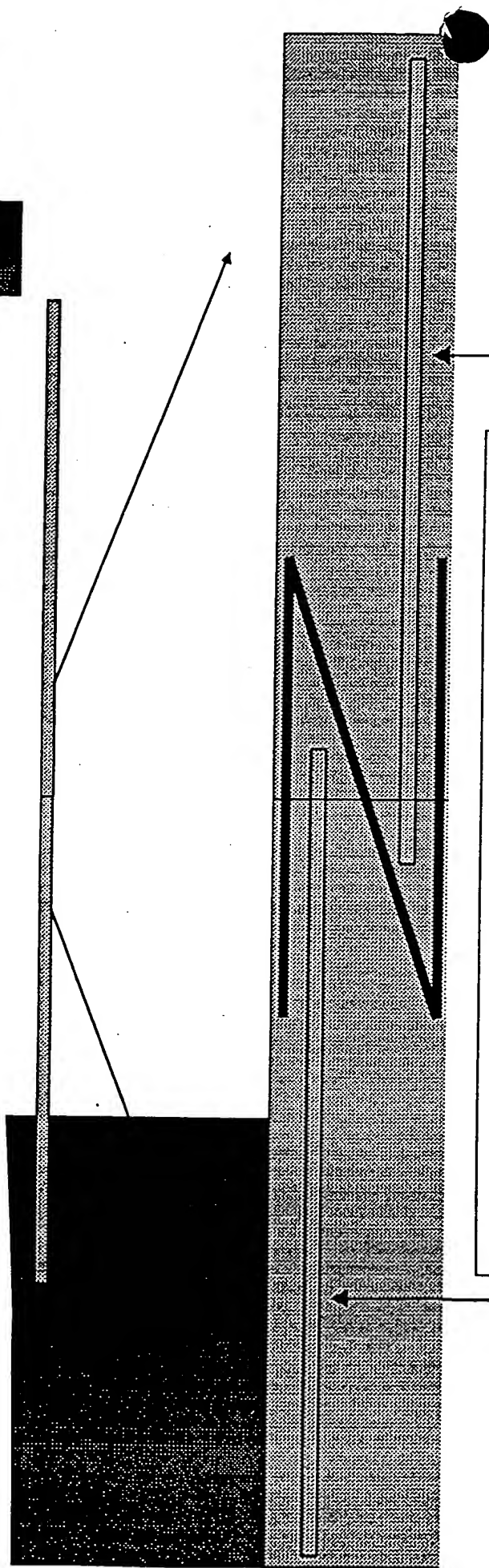


the overlap, no diagnostic image information is lost
There is no gap between the IP's

FOI b7D b7C b2 b6 b7E

Scoliosis IP Cassette

Cassette edge (Magnified
at junction of cassettes)



*Imaging Plates most overlap
and a folded sheet of polyester can be used as
a separator at the junction of the two cassettes*

IP-1

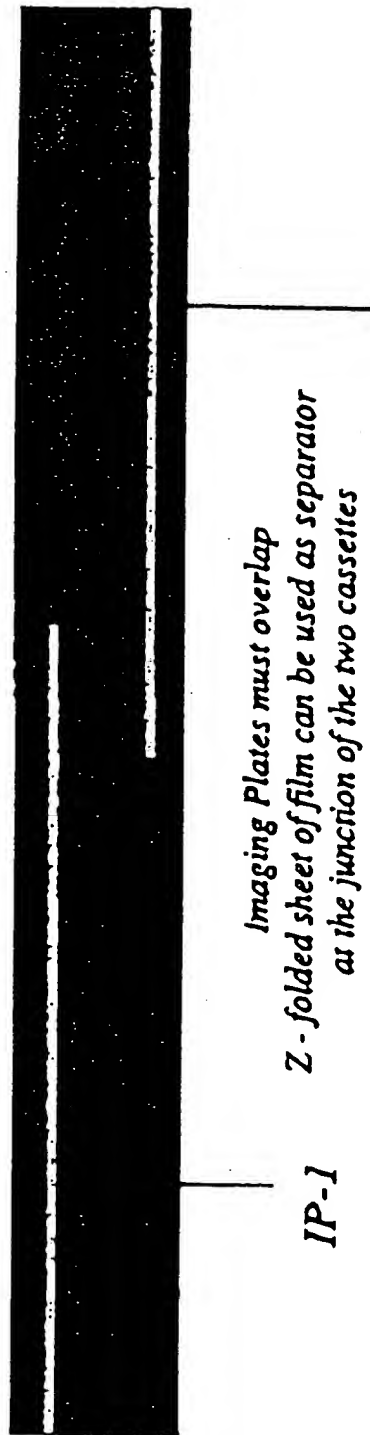
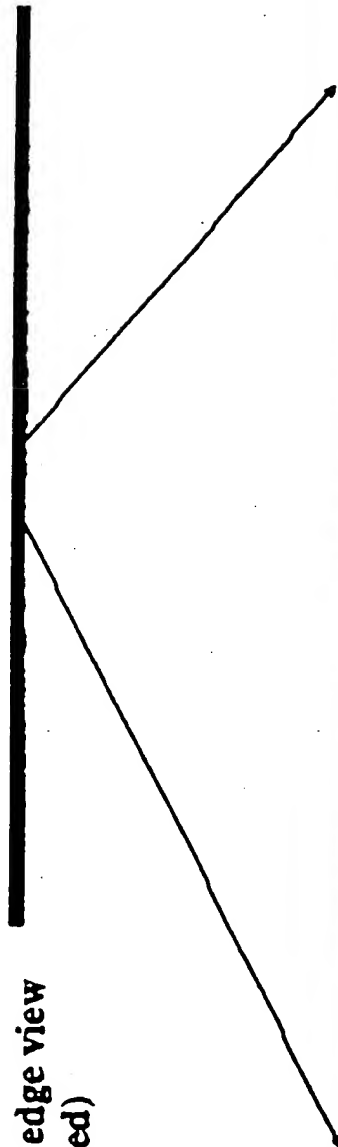
IP-2

FIG. 4

TOP SECRET

Scoliosis IP Cassette

Cassette edge view
(Magnified)



IP-2

IP-1

FIG. 5